

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. **(Currently Amended)** An apparatus for controlling vertical movement of a tubular within a wellbore, the apparatus comprising:

an anchor spool including a bottom flange for fluid-tight connection atop a wellhead of the wellbore, a top end that supports a high-pressure packing that seals an annulus between the top end and the tubular while permitting vertical and rotational movement of the tubular, and an anchor plate having connectors for detachably securing ~~ram~~ ends of at least two hydraulic cylinders symmetrically disposed about the anchor spool; and

a detachable superstructure including the at least two hydraulic cylinders and a tool support structure connected to respective ~~tops of cylinder~~ opposite ends of the at least two hydraulic cylinders, the tool support structure ~~having comprising a~~ control plate having a top side, and a bottom side, and including a fluid passage extending between the top and bottom sides, a universal adapter connected to the top side of the control plate in fluid communication with the fluid passage, and ~~an a union adapter stack bottom end~~ connected to the bottom side for secure connection to the tubular, either directly or via at least one of a swivel joint, a tool including the tubular, and an adapter for connecting to the tubular, so that activation of the hydraulic cylinders causes vertical movement of the tubular within the wellbore.

2. **(Original)** The apparatus as claimed in claim 1 wherein the top end of the anchor spool further comprises a packing cavity for receiving the high-pressure packing, the packing cavity being a radially enlarged part of an axial passage through which the tubular can be reciprocated.

3. **(Original)** The apparatus as claimed in claim 2 wherein the top end of the anchor spool further comprises a pin threaded adapter for threaded engagement with a box thread of a wing nut, the wing nut being adapted to retain the high-pressure packing and seal the packing against the tubular, and includes a central bore through which the tubular may be reciprocated.
4. **(Original)** The apparatus as claimed in claim 2 wherein the anchor spool comprises an elongated side wall that defines the axial passage, the axial passage having a diameter large enough to permit a tubing hanger to be reciprocated therethrough.
5. **(Previously presented)** The apparatus as claimed in claim 4 further comprising gussets extending between the elongated side wall and the anchor plate to reinforce the anchor plate.
6. **(Previously presented)** The apparatus as claimed in claim 5 wherein the gussets and the anchor plate extend from the elongated sidewall, and a control plate which extends radially from a fluid passageway through the tool support structure, so that the hydraulic cylinders are separated by a distance that reduces obstruction of the tubular by the hydraulic cylinders, and permits a well stimulation tool to be supported between the anchor spool and the control plate.
7. **(Previously presented)** The apparatus as claimed in claim 6 wherein the control plate has a top side that supports a universal adapter in fluid communication with the fluid passageway.
8. **(Original)** The apparatus as claimed in claim 7 wherein the adapter stack bottom end comprises a union adapter which terminates in a wing union connected to a bottom side of the control plate.
9. **(Currently amended)** An apparatus for controlling vertical movement of a tubular in a wellbore, the apparatus comprising:

an anchor spool having a bottom flange for secure, fluid-tight connection atop a wellhead of the wellbore, providing a sealed axial passage through which the tubular can be vertically reciprocated;

a tool support structure comprising a control plate having a top side, and a bottom side, and including a fluid passage extending between the top and bottom sides, the control plate being securely connected to at least two hydraulic cylinders that are disposed symmetrically about the tubular, a universal adapter connected to the top side of the control plate in fluid communication with the fluid passage, and a union adapter connected to the bottom side of the control plate in fluid communication with the fluid passage, the union adapter providing an adapter stack bottom end for secure connection to the tubular via one of a swivel joint, a tool including the tubular, and an adapter for connecting to the tubular, so that activation of at least two hydraulic cylinders causes vertical movement of the tubular within the wellbore; and

~~the at least two hydraulic cylinders being symmetrically disposed about a center of the sealed axial passage, respective ram ends of the at least two hydraulic cylinders being rigidly connected to the anchor spool, and respective tops of cylinder ends of the at least two hydraulic cylinders being rigidly connected to a bottom of the tool support structure, the at least two hydraulic cylinders being radially spaced from the tubular so that unobstructed access to a top end of the tubular is provided at an the union adapter stack connected to the top end of the tool support structure bottom side of the control plate.~~

10. **Cancelled.**

11. **(Currently amended)** The apparatus as claimed in claim 9 wherein the ~~adapter stack bottom end comprises a union adapter that terminates in a wing union for rapid connection and disconnection of the tubular.~~

12. **(Previously presented)** The apparatus as claimed in claim 9 wherein the sealed axial passage further comprises a packing cavity for supporting packing that provides a high-pressure, fluid-tight seal when the tubular is rotated within the sealed axial passage.

13. **Cancelled.**

14. **(Currently amended)** An anchor spool as claimed in claim ~~13~~17 further comprising gussets for reinforcing a welded connection between the anchor plate and the elongated sidewall.
15. **(Previously presented)** An anchor spool as claimed in claim 14 wherein the anchor plate extends radially from the elongated sidewall a distance that reduces obstruction of access to the tubular by the piston cylinders, and permits a well stimulation tool mandrel to be supported over the anchor spool between the at least two piston cylinders.
16. **Cancelled.**
17. **(Currently amended)** ~~An anchor spool as claimed in claim 16 wherein~~ An anchor spool for inserting a tubular in a wellbore, comprising:
a bottom flange for fluid-tight connection atop a wellhead of the wellbore;
an elongated sidewall defining an axial passage through the anchor spool that permits reciprocation of a tubing hanger therethrough, an interior surface of the axial passage supporting a high-pressure packing that seals an annulus between the tubular and the axial passage, while permitting vertical and rotational movement of the tubular; and
an anchor plate secured to the elongated sidewall for detachably connecting ends of at least two hydraulic cylinders symmetrically disposed about a center of the axial passage, so opposite ends of the hydraulic cylinders connected to a bottom of a tool support structure that supports the tubular can move the tubular into or out of the wellbore, the axial passage comprising a packing cavity at a top end for receiving the high-pressure packing, and the a top end of the anchor spool further comprises comprising a pin threaded adapter for threaded engagement with a box thread of a wing nut, the wing nut being adapted to retain the high-pressure packing, and to force the high-pressure packing into sealing contact with the tubular, the wing nut providing a passage through which the tubular may be reciprocated.

18. **(Previously presented)** A detachable superstructure for mounting to a high-pressure wellhead, the detachable superstructure comprising:
- a control plate having a top side, and a bottom side, and including a fluid passage extending between the top and bottom sides, the control plate being securely connected to tops of cylinder ends of at least two hydraulic cylinders that are disposed symmetrically about the tubular;
 - a universal adapter connected to the top side of the control plate in fluid communication with the fluid passage; and
 - a union adapter connected to the bottom side of the control plate in fluid communication with the fluid passage, the union adapter providing secure connection to the tubular via one of a swivel joint, a tool including the tubular, and an adapter for connecting to the tubular.
19. **(Previously presented)** A detachable superstructure as claimed in claim 13 wherein the control plate extends radially from the fluid passage so that the hydraulic cylinders are supported away from the tubular at a distance that reduces obstruction of access to the tubular, and permits a well stimulation tool to be supported between the control plate and an anchor spool that secures the hydraulic cylinders to the high-pressure wellhead.
20. **(Previously presented)** A detachable superstructure as claimed in claim 13 wherein the union adapter comprises a bottom end that terminates in a wing union to permit rapid connection and disconnection of the tubular to the bottom side of the control plate.